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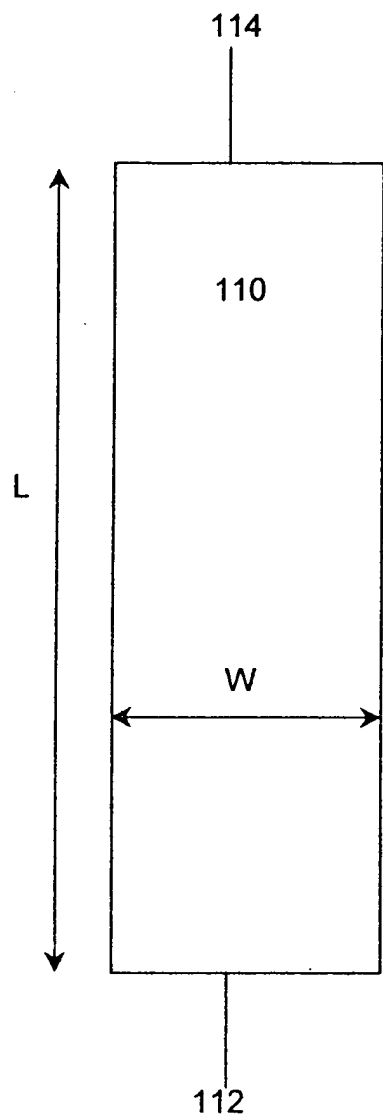
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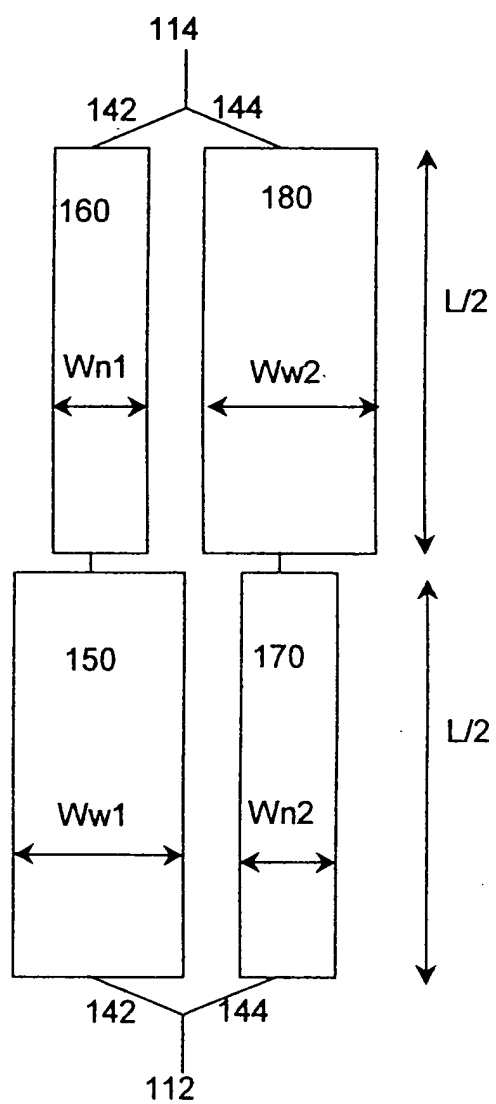
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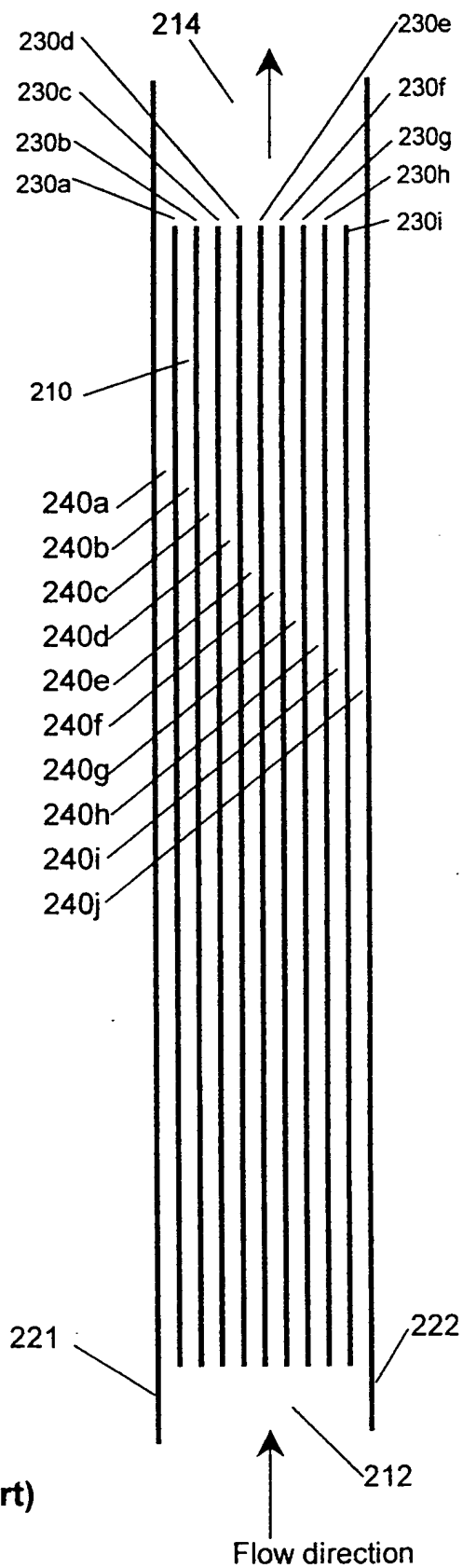
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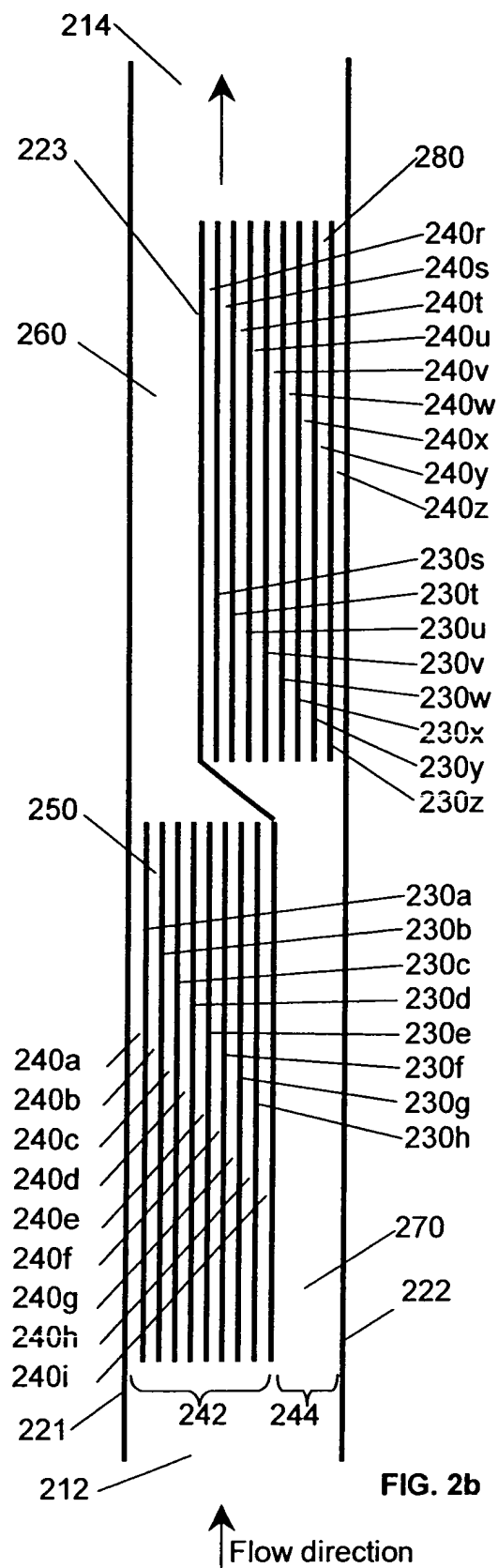
**FIG. 1a**  
**(Prior Art)**



**FIG. 1b**

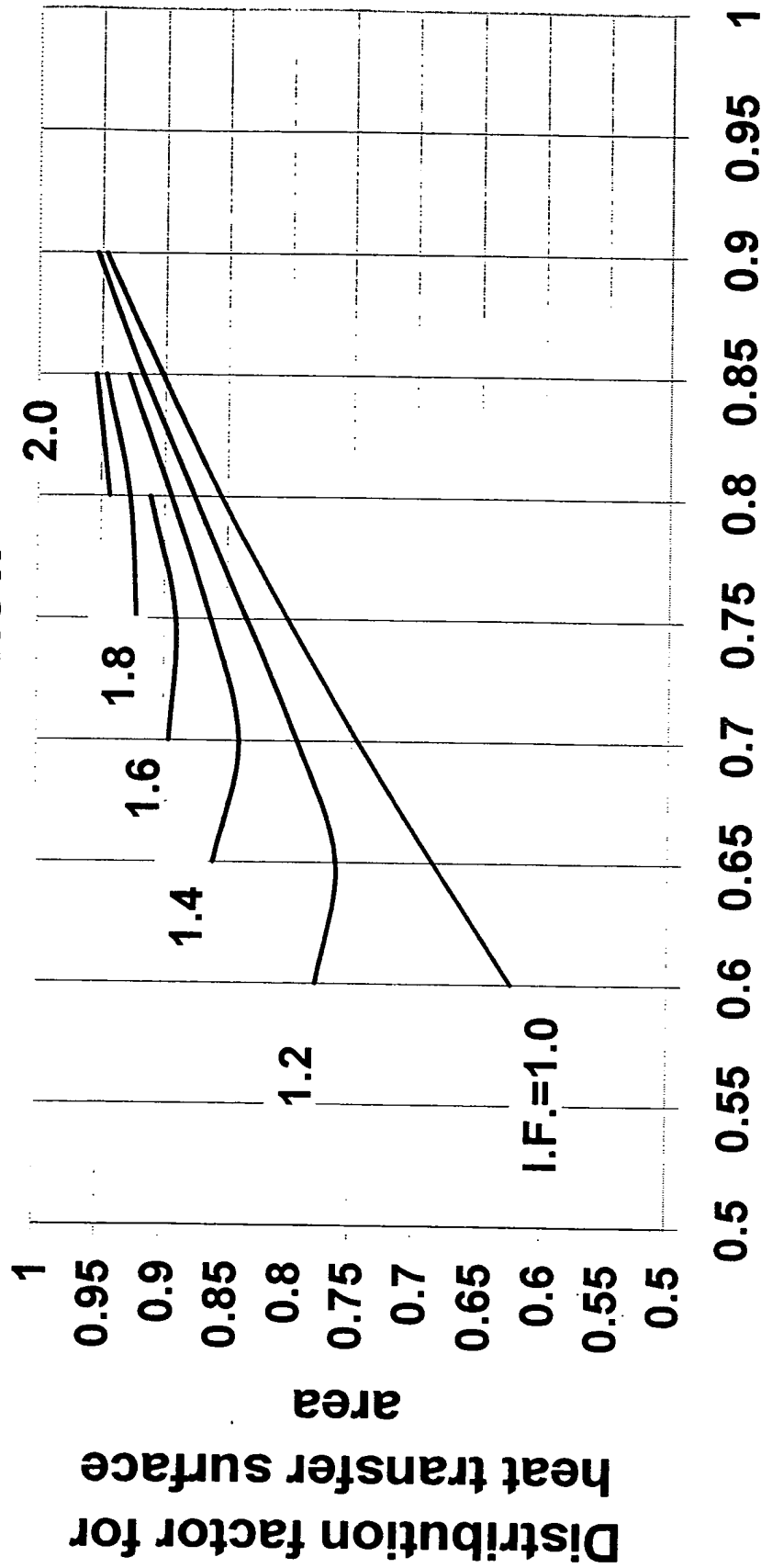


**FIG. 2a**  
**(Prior Art)**



**FIG. 2b**

**FIG. 3a**  
**Contour plot of improvement factor**  
**for laminar flow**



**FIG. 3b**  
**Contour plot of improvement factor**  
**for turbulent flow**

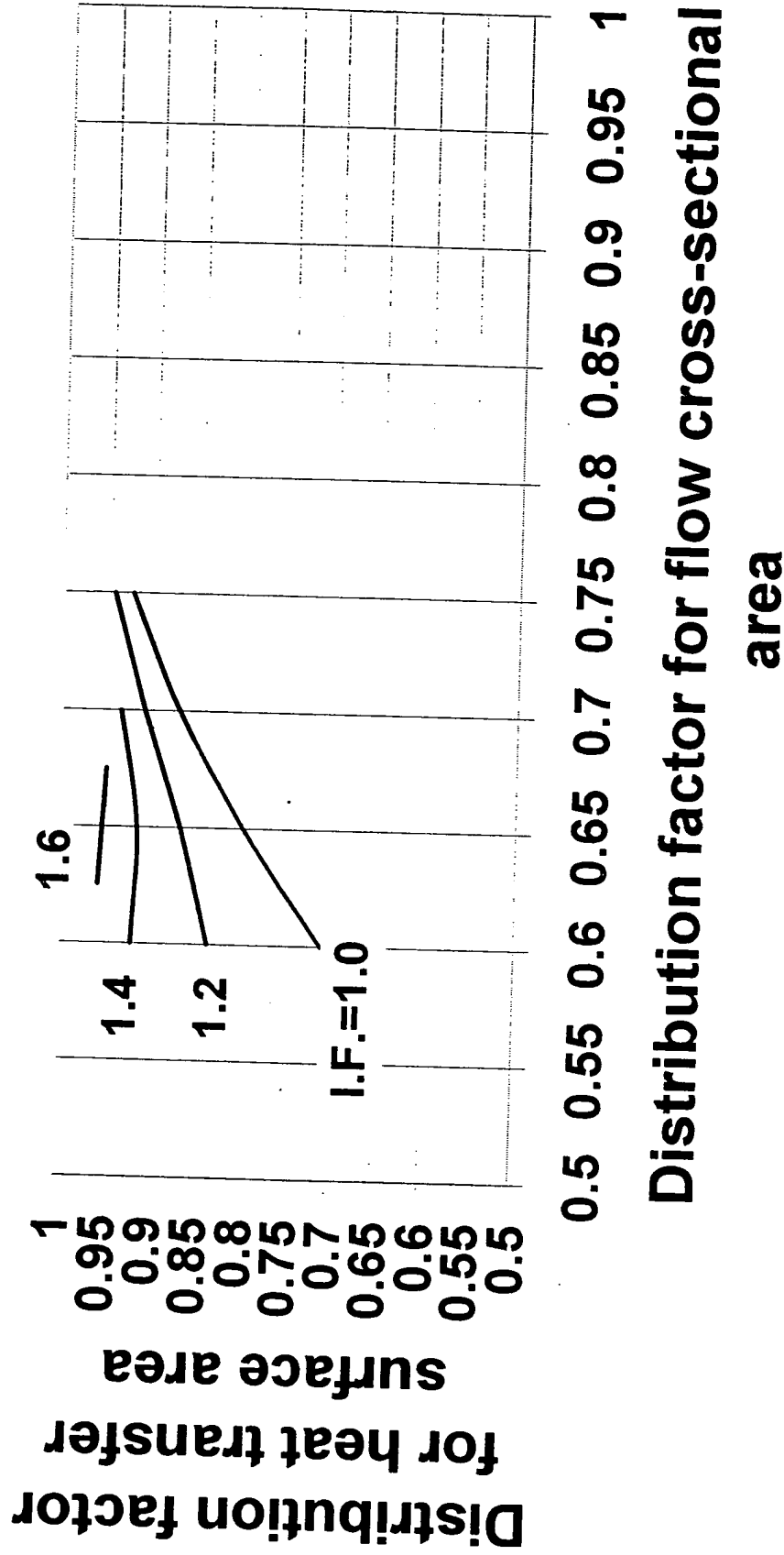
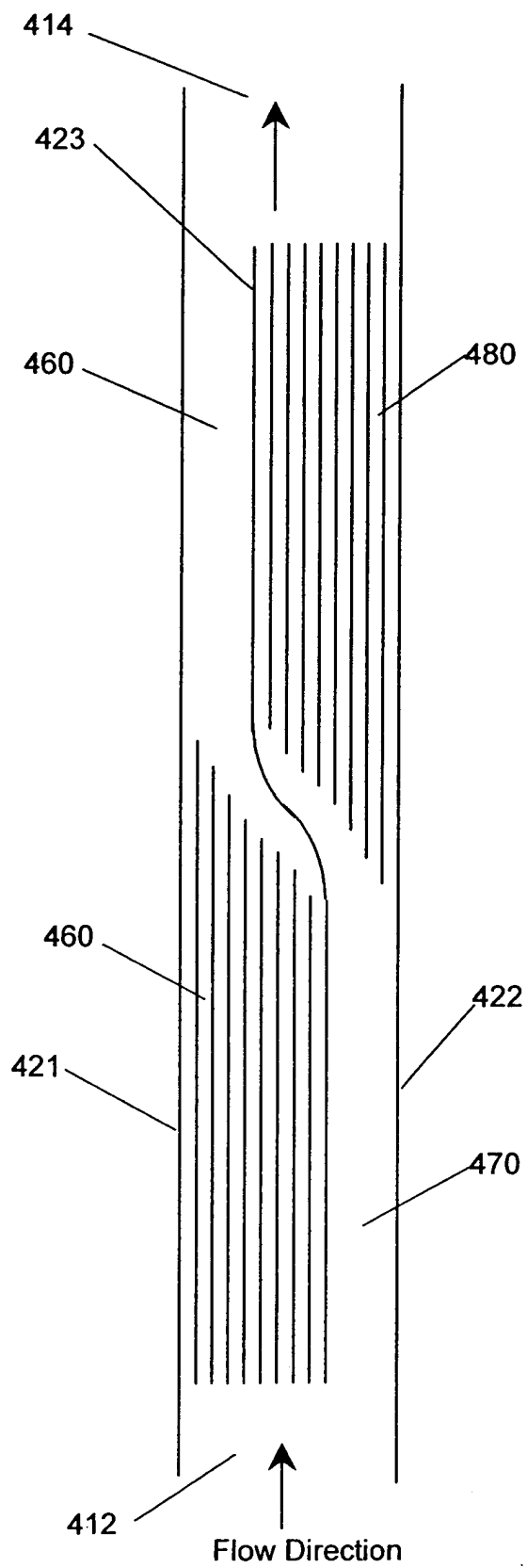
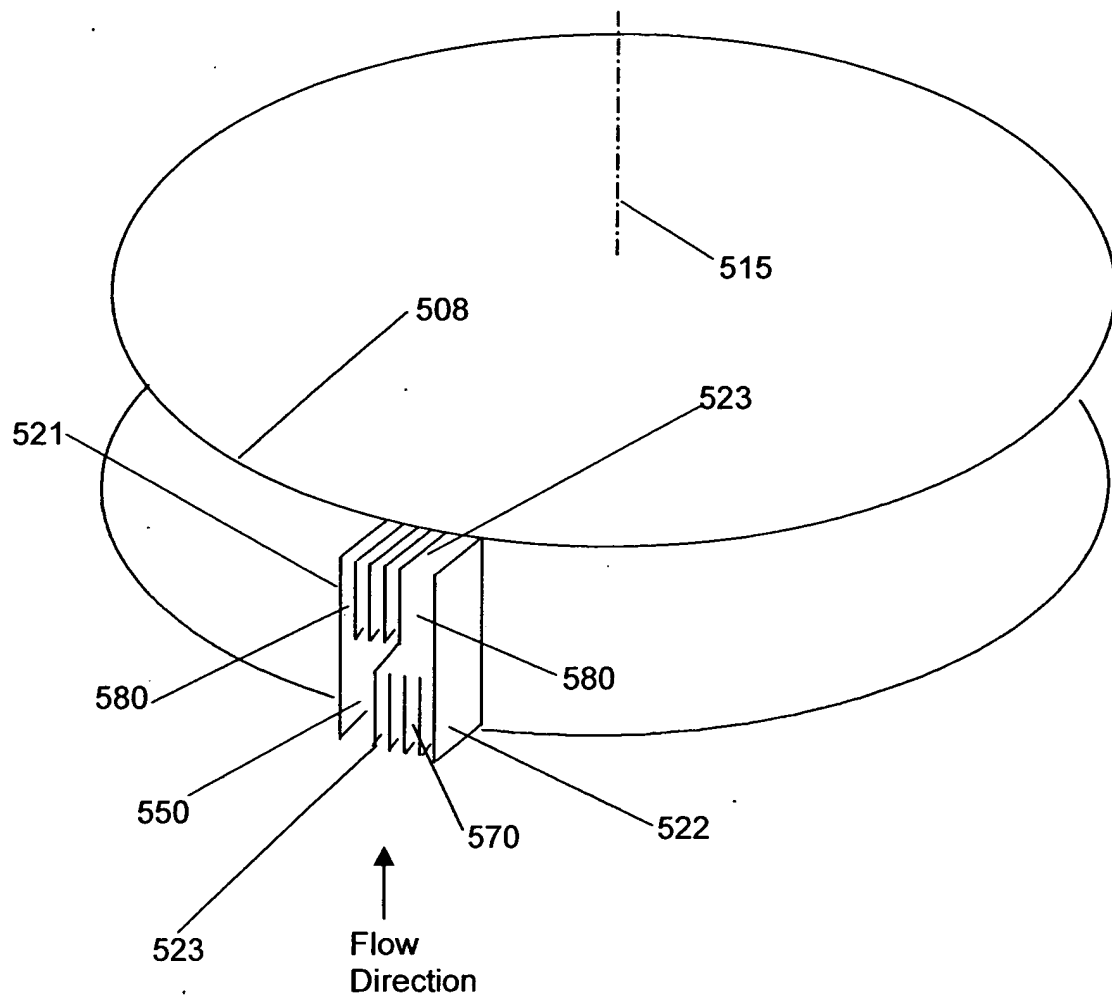


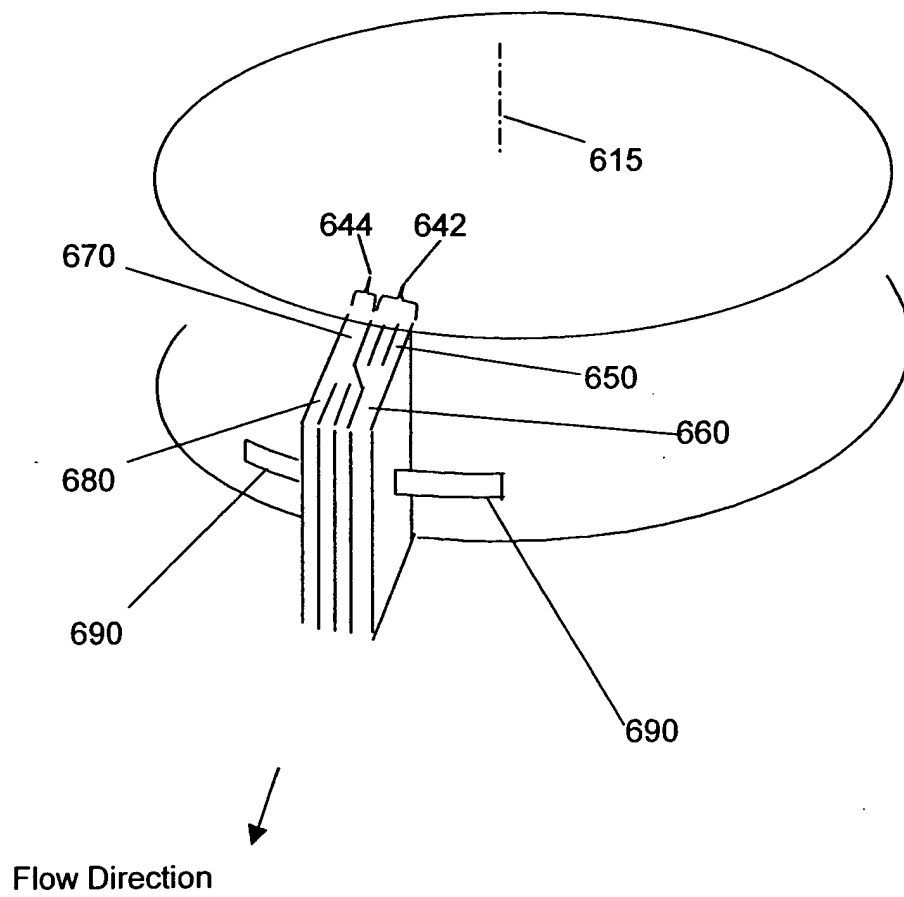
FIG. 4



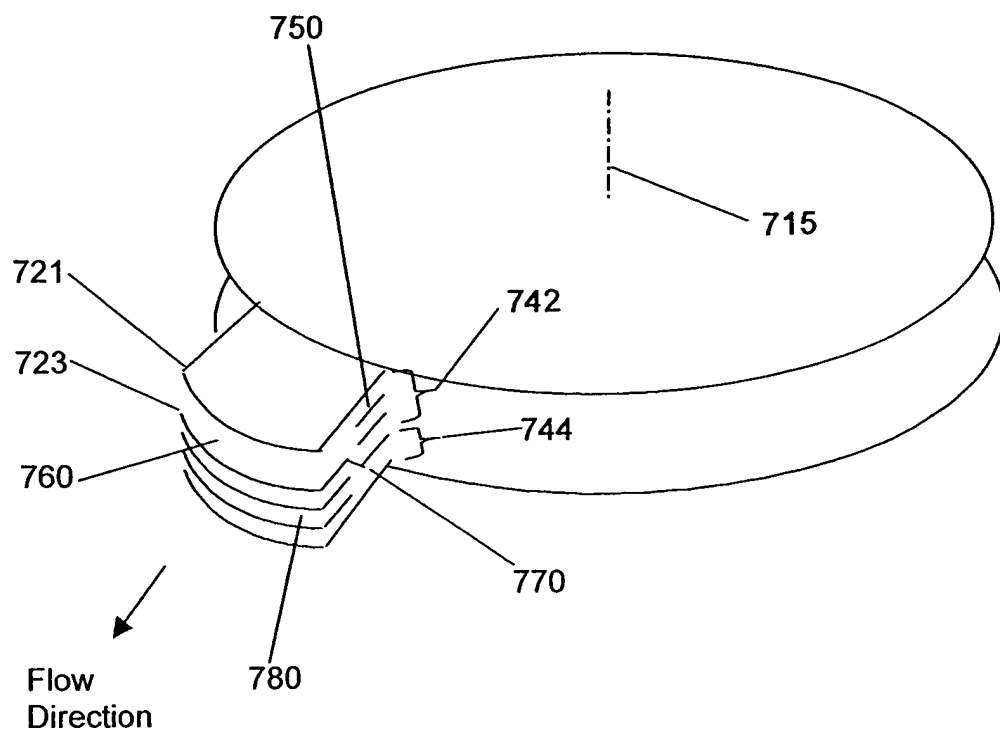


**FIG. 5**

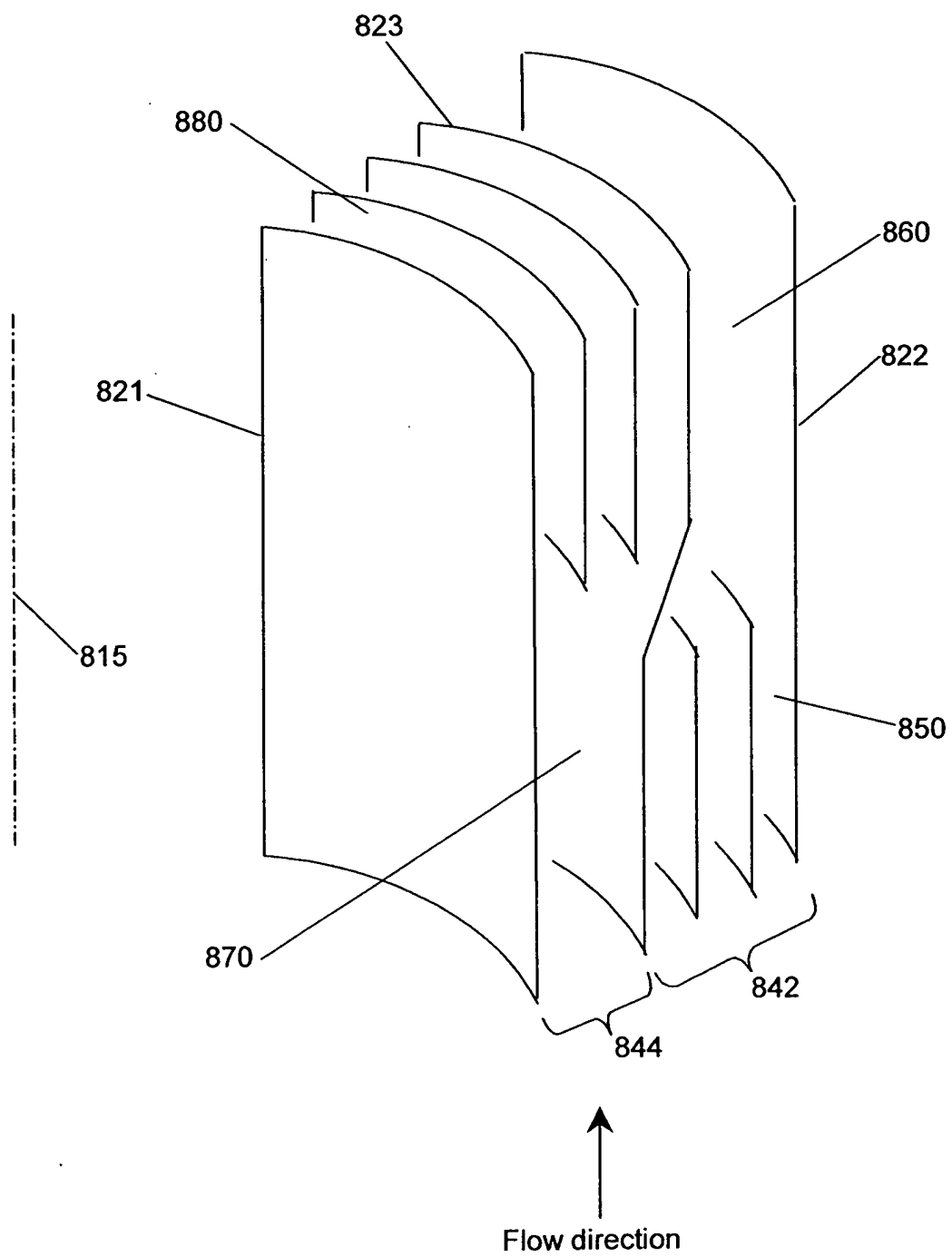




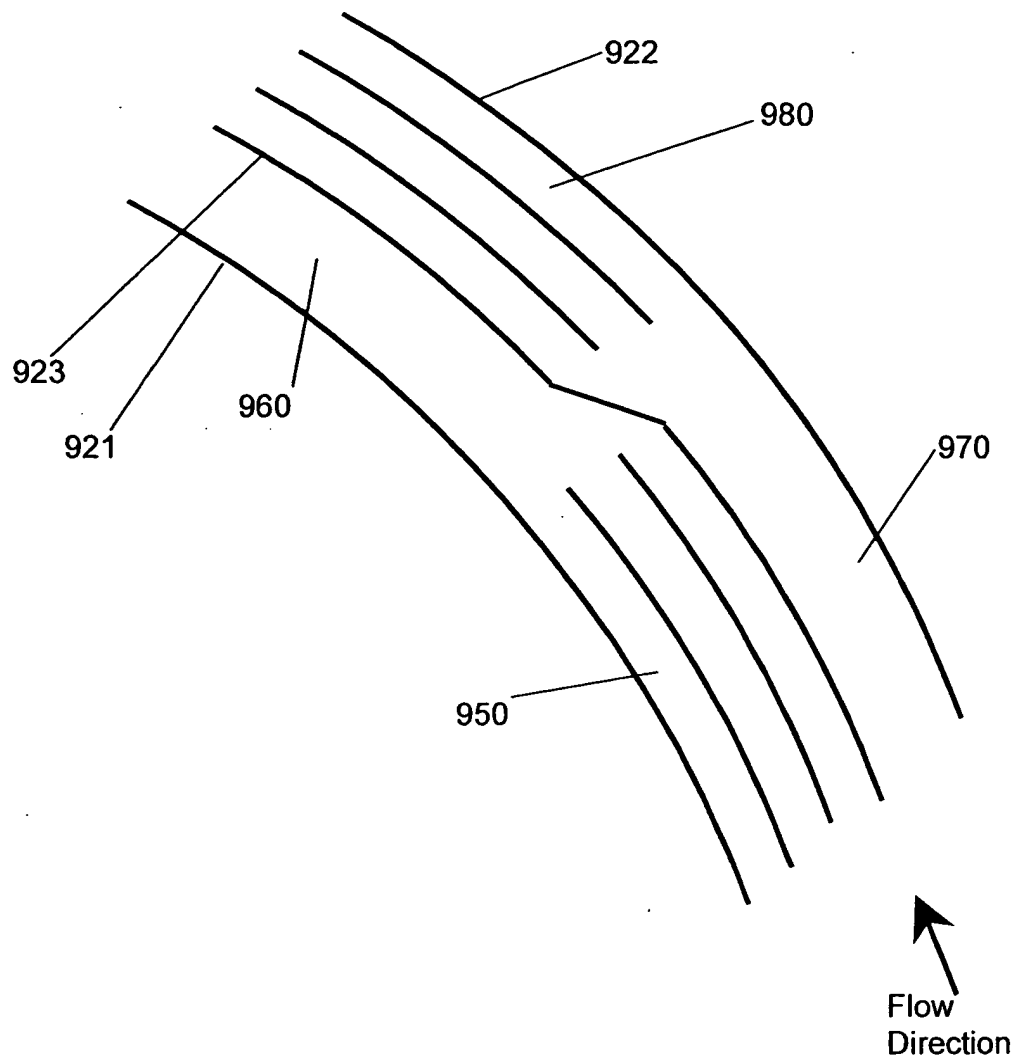
**FIG. 6**



**FIG. 7**



**FIG. 8**



**FIG. 9**

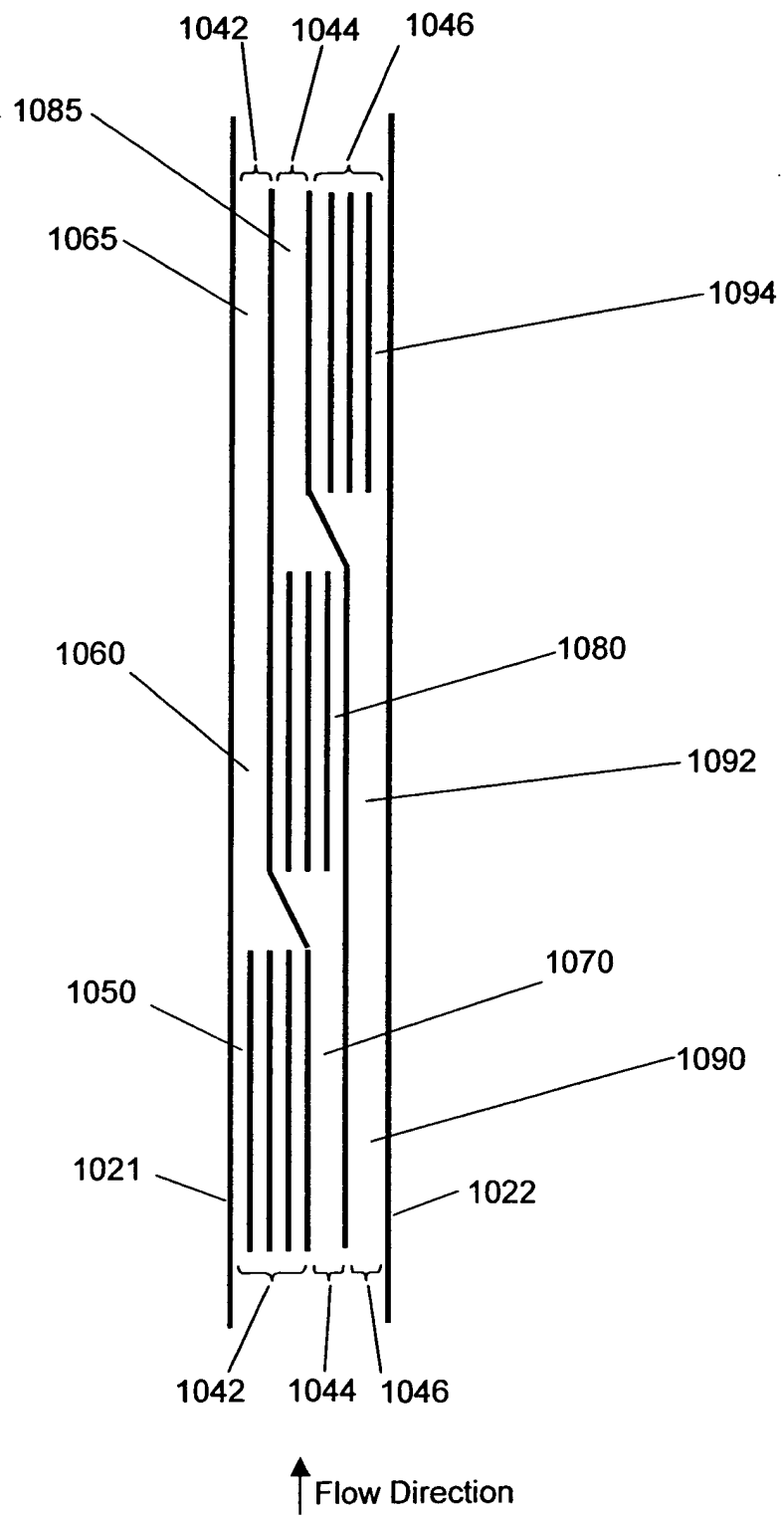


FIG. 10

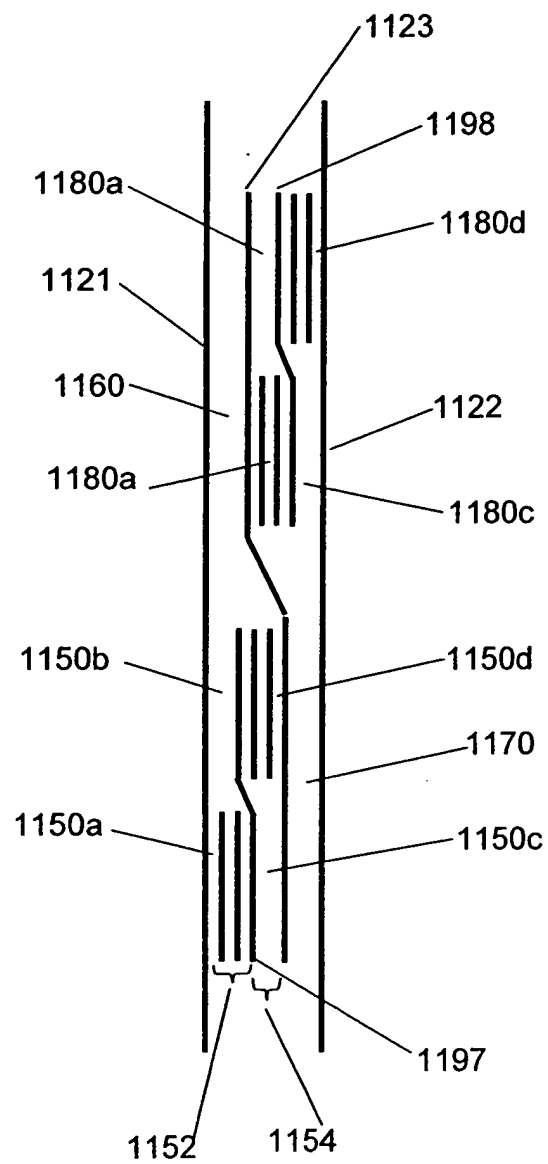


FIG. 11